

08-03-06

Attorney's Docket No.: 17601-045001 / 067083.0288

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Joseph A. Zupanick  
Serial No. : 10/788,694  
Filed : February 27, 2004  
Title : SYSTEM AND METHOD FOR MULTIPLE WELLS FROM A COMMON SURFACE LOCATION  
Art Unit : 3672  
Examiner : Daniel P. Stephenson  
Conf. No. : 6999

**MAIL STOP AMENDMENT**

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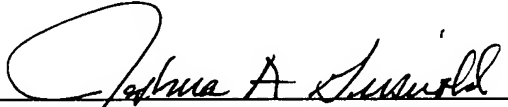
INFORMATION DISCLOSURE STATEMENT

Applicant requests consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents, U.S. patent applications or U.S. patent application publications can be provided upon request. A copy of a communication from a foreign patent office in a related application is also enclosed.

This statement is being filed within one month of the filing date of the Request for Continued Examination (RCE) filed July 21, 2006 and before the first office action on the merits. No fees are believed due. However, please apply any deficiencies or any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

Respectfully submitted,

Date: 8-2-06

  
Joshua A. Griswold  
Reg. No. 46,310

Fish & Richardson P.C.  
1717 Main Street  
Suite 5000  
Dallas, Texas 75201  
Telephone: (214) 292-4034  
Facsimile: (214) 747-2091

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Substitute Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
17601-045001Application No.  
10/788,694**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR § 1.56(b))

Applicant  
Joseph A. ZupanickFiling Date  
February 27, 2004Group Art Unit  
3672**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	3,687,204	08/29/1972	Marshall et al.			
	A2	3,759,328	09/18/1973	Ueber et al.			
	A3	4,356,866	11/02/1982	Savins			
	A4	4,396,075	08/02/1983	Wood et al.			
	A5	Re. 32,623	03/15/1988	Marshall et al.			
	A6	5,207,271	05/04/1993	Sanchez et al.			
	A7	5,520,252	05/28/1996	McNair			
	A8	5,664,911	09/09/1997	Bridges et al.			
	A9	5,733,067	03/31/1998	Hunt et al.			
	A10	6,581,455 B1	06/24/2003	Berger et al.			
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	A13	2003/0234120 A1	12/25/2003	Paluch et al.			
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	A15	2006/0096755 A1	05/11/2006	Zupanick,			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B1	UA 37,720 A	05/15/2001	Ukraine			Spec Only	

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	C1	P.C. Thakur and W.N. Poundstone, "Horizontal Drilling Technology for Advance Degasification," Society of Mining Engineers of AIME, Preprint Number 79-113, For presentation at the 1979 AIME Annual Meeting, New Orleans, Louisiana, February 18-22, 1979, Engineering Societies Library stamp dated February 5, 1980, 11 pages.
	C2	Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability (1 page), International Preliminary Report on Patentability (1 page), and Written Opinion of the International Searching Authority (5 pages) mailed February 9, 2006 for International Application No. PCT/US2004/024518

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<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Joseph A. Zupanick	
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Other Documents (include Author, Title, Date, and Place of Publication)		
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	C3	Wang Weiping, "Trend of Drilling Technology Abroad," Petroleum Drilling and Production Technology, 1995 (Volume 17), Issue 6, <a href="http://www.cnki.net">www.cnki.net</a> , 8 pages, translation, original in Chinese
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	C14	Philip C. Crouse, "Application and Needs for Advanced Multilateral Technologies and Strategies," Website: <a href="http://www.netl.doe.gov/publications/proceedings/97/97ng/ng97_pdf/NG2-5.pdf">www.netl.doe.gov/publications/proceedings/97/97ng/ng97_pdf/NG2-5.pdf</a> , Believed to be on or about 1997, 9 pages
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	C19	Stephen R. Dittoe, Albertus Retnanto, and Michael J. Economides, "An Analysis of Reserves Enhancement in Petroleum Reservoirs with Horizontal and Multi-Lateral Wells," SPE 37037, Society of Petroleum Engineers, Copyright 1996, 9 pages

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	C20	D.L. Boreck and M.T. Strever, "Conservation of Methane from Colorado's Mined/Minable Coal Beds: A Feasibility Study," Open-File Report 80-5, Colorado Geological Survey, Department of Natural Resources, Denver, Colorado, October 1980, 101 pages
	C21	B.G. kta and T. Ertekin, "Implementation of a Local Grid Refinement Technique in Modeling Slanted, Undulating Horizontal and Multi-Lateral Wells," SPE 56624, Society of Petroleum Engineers, Copyright 1999, 10 pages
	C22	W.H. Leach Jr., "New Technology for CBM Production," Oil and Gas Investor, Opportunities in Coalbed Methane, December 2002, 6 pages
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	C24	Stephen D. Schwochow, "CBM: Coming to a Basin Near You," Oil and Gas Investor, Opportunities in Coalbed Methane, December 2002, 7 pages
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	C30	Patrick B. Tracy, "Lateral Drilling Technology Tested on UCG Project," IADC/SPE 17237, IADC/SPE Drilling Conference, Copyright 1988, 10 pages
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	C45	A. Njaerheim, R. Rovde, E. Kvale, S.A. Kvamme, and H.M. Bjoerneli, "Multilateral Well in Low-Productivity Zones," Synopsis of SPE 39356, JPT, July 1998, 4 pages
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	C47	S.K. Vij, S.L. Narasaiah, Anup Walia, and Gyan Singh, "Adopting Multilateral Technology," Synopsis of SPE 39509, JPT, July 1998, 3 pages
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	C52	Marshall DeLuca, "Multilateral Completions on the Verge of Mainstream," OFFSHORE, April 1997, 2 pages
	C53	Bob Williams, "Operators Unlocking North Slope's Viscous Oil Commerciality," OIL & GAS JOURNAL, August 6, 2001, 5 pages
	C54	James P. Oberkircher, "The Economic Viability of Multilateral Wells," IADC/SPE 59202, Society of Petroleum Engineers, Copyright 2000, 10 pages

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	C55	Jim Oberkircher, "What is the Future of Multilateral Technology?," WORLD OIL, June 2001, 3 pages
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	C57	Kyle S. Graves, "Multiple Horizontal Drainholes Can Improve Production," OIL & GAS JOURNAL, OGJ Special, February 14, 1994, 5 pages
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	C68	"Short-Radius Laterals: An Operator's Experience," Synopsis of SPE 37493 by C. Ellis et al., JPT, July 1997, 3 pages
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	C75	J.R. Salas, P.J. Clifford and D.P. Jenkins, "Brief: Multilateral Well Performance Prediction," JPT, September 1996, 3 pages
	C76	Mike R. Chambers, "Multilateral Technology Gains Broader Acceptance," OIL & GAS JOURNAL, November 23, 1998, 5 pages

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	C77	S. Ikeda, T. Takeuchi, and P.C. Crouse, "An Investigative Study on Horizontal Well and Extended Reach Technologies With Reported Problem Areas and Operational Practice in North America and Europe," IADC/SPE 35054, Society of Petroleum Engineers, Copyright 1996, 8 pages
	C78	Greg Nazzal, "Extended-Reach Wells Tap Outlying Reserves," WORLD OIL, March 1993, 8 pages
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	C80	S. Hovda, et al., "World's First Application of a Multilateral System Combining a Cased and Cemented Junction With Fullbore Access to Both Laterals," SPE 36488, Society of Petroleum Engineers, Copyright 1996, 15 pages
	C81	Robert A. Gardes, "Micro-annulus Under-balanced Drilling of Multilateral Wells," OFFSHORE, May 1996, 4 pages
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	C84	Jeremy Beckman, "Coiled Tubing, Reamer Shoes Push Through Barriers in North Sea Wells," OFFSHORE, February 1997, 1 page
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	C88	K.W. Hart and L.V. Jankowski, "The Application of Slant Hole Drilling in Development of Shallow Heavy Oil Deposits," THE JOURNAL OF CANADIAN PETROLEUM TECHNOLOGY, January-February 1984, Montreal, 6 pages
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	C93	S.W. Bokhari, A.J. Hatch, A. Kyei and O.C. Wemgren, "Improved Recoveries in the Pickerill Field from Multilateral Drilling into Tight Gas Sands," SPE 38629, Society of Petroleum Engineers, Copyright 1997, 15 pages
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	C95	E.J. Antczak, D.G.L. Smith, D.L. Roberts, Brent Lowson, and Robert Norris, "Implementation of an Advanced Multi-Lateral System With Coiled Tubing Accessibility," SPE/IADC 37673, Society of Petroleum Engineers, Copyright 1997, 9 pages
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	C99	John H. Perry, Leonard J. Prosser, Jr., Joseph Cervik, "Methane Drainage from the Mary Lee Coalbed, Alabama, Using Horizontal Drilling Techniques," SPE/DOE 8967, Society of Petroleum Engineers, May 18, 1980, 6 pages
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	C111	Warren F. Dobson and Daniel R. Seelye, "Mining Technology Assists Oil Recovery from Wyoming Field," SPE 9418, Society of Petroleum Engineers of AIME, Copyright 1980, 7 pages

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-045001	Application No. 10/788,694
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Joseph A. Zupanick	
		Filing Date February 27, 2004	Group Art Unit 3672

Other Documents (include Author, Title, Date, and Place of Publication)		
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	C112	T.L. Logan, J.J. Schwoebel and D.M. Horner, "Application of Horizontal Drainhole Drilling Technology for Coalbed Methane Recovery," SPE/DOE 16409, Society of Petroleum Engineers/U.S. Department of Energy, Copyright 1997, 12 pages
	C113	Samuel O. Osisanya and Robert F. Schaffitzel, "A Review of Horizontal Drilling and Completion Techniques for Recovery of Coalbed Methane," SPE 37131, Society of Petroleum Engineers, Copyright 1996, 13 pages
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	C134	P.F. Conti, "Controlled Horizontal Drilling," SPE/IADC 18708, Society of Petroleum Engineers, Copyright 1989, 6 pages
	C135	Armando R. Navarro, "Innovative Techniques Cut Costs in Wetlands Drilling," OIL & GAS JOURNAL, October 14, 1991, 4 pages
	C136	Victor M. Luhowy and Peter D. Sametz, "Horizontal Wells Prove Effective in Canadian Heavy-Oil Field," OIL & GAS JOURNAL, June 28, 1993, 6 pages
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	C139	A.J. Branch, et al., "Remote Real-Time Monitoring Improves Orinoco Drilling Efficiency," OIL & GAS JOURNAL, May 28, 2001, 6 pages
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